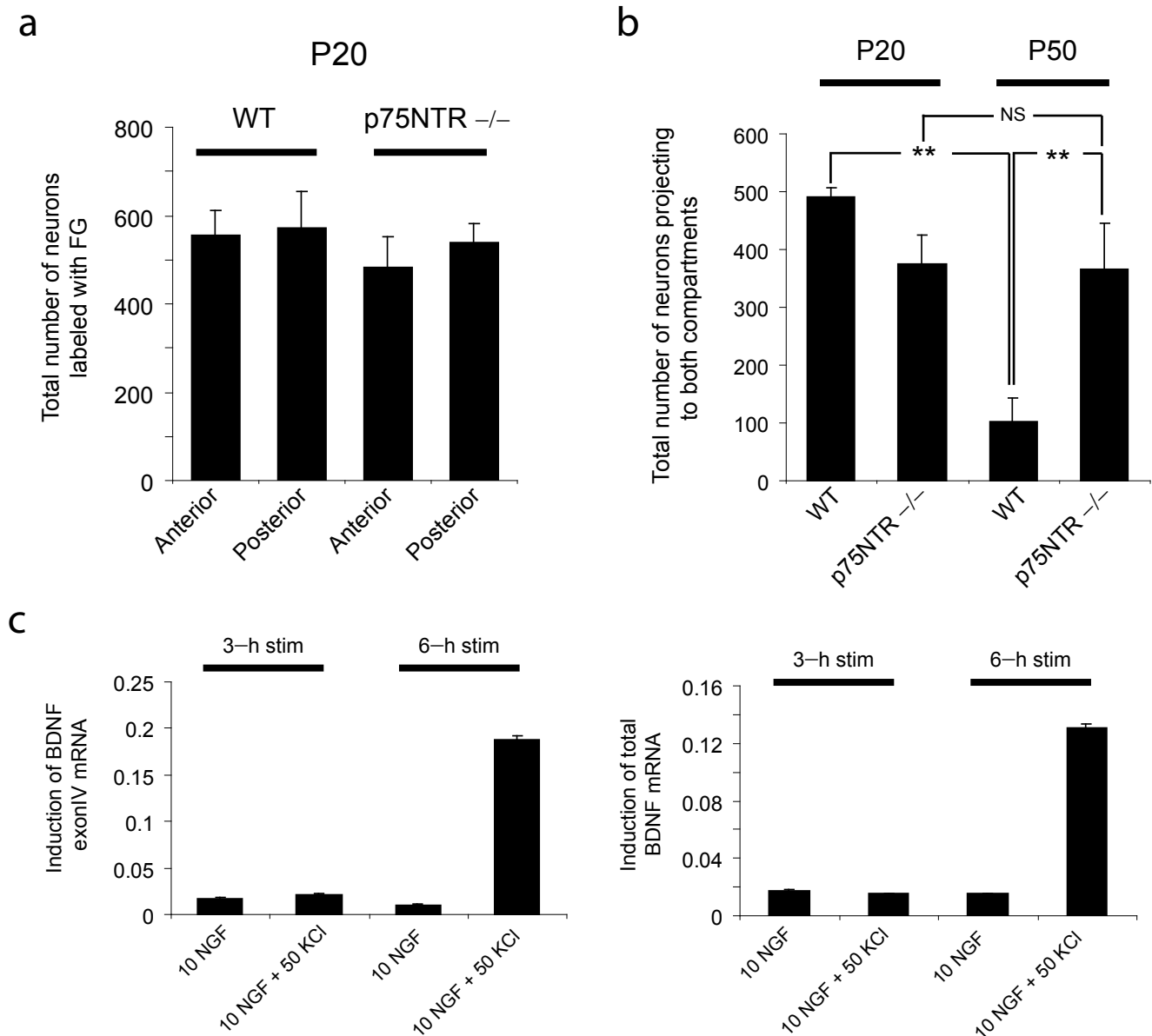


Supplementary figure-1

Developmental axon pruning mediated by BDNF:p75NTR-dependent axon degeneration

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Supplementary Figure 1: (a) Total number of neurons projecting to either the anterior or posterior chamber of the eye in P20 wildtype versus p75NTR^{-/-} mice, as indicated by retrograde labeling with fluorogold. (b) Total number of neurons double-projecting to both the anterior and posterior chamber of the eye in wildtype versus p75NTR^{-/-} mice at P20 and P50. **p < 0.005; NS, not statistically significant. (c) Quantitative real-time PCR measurement of total BDNF mRNA (right panel) and BDNF mRNA transcribed from the exon IV promoter (left panel) in sympathetic neurons exposed for 3 or 6 hours to 10 ng/ml NGF plus or minus 50 mM KCl.